

Huffman/OPLC
Week 2 Trip Report

Daily Project Activities

Monday, August 10, 2009

Weather Conditions: 92°F, 100% humidity

Field Activities

EPA staff met with USACE contractor at Huffman and found out that the drill rig and crew should arrive later in the morning. USACE contractor left site to ship samples to lab. EPA staff left site to pick up supplies, fill up water coolers, and pick up bags of lab waste at OPLC office.

OPLC

- One of the drillers arrived and notified EPA staff that the drill rig had a blow-out and would be arriving later. The compressor arrived at OPLC, and OPLC provided the equipment to unload the large compressor from the truck. EPA staff walked around OPLC with the driller to discuss the scope of work, proposed monitor well locations, and potential QC pad borings. Drill rig arrived right after lunch and began drilling the MW-8 boring near the southern property line of OPLC. MW-8 was installed to 40 feet below ground surface (bgs).



Huffman/OPLC
Week 2 Trip Report



Huffman

- EPA staff took lab waste to Huffman to empty the jars of leftover soil from the immunoassay analysis into the roll-off box and the jars of liquid reagents into the decon pit.



Huffman/OPLC
Week 2 Trip Report



Huffman/OPLC
Week 2 Trip Report

Tuesday, August 11, 2009

Weather Conditions: 84°F, 100% humidity

Field Activities

EPA staff met with USACE contractor and drillers at Huffman. It was raining and lightning. It was decided, due to safety reasons, to postpone drilling until it stopped lightning. EPA staff went to the internet café to set up makeshift office to check e-mail and meet with USACE contractor and geologist.

OPLC

- Due to the heavy rains, OPLC became very muddy. Rain subsided over lunch and well drilling began following a brief meeting after lunch. The driller got stuck in mud trying to enter OPLC, and OPLC provided equipment to pull the truck out. MW-9 was installed and completed during the afternoon.



Huffman/OPLC
Week 2 Trip Report



Huffman/OPLC
Week 2 Trip Report

Wednesday, August 12, 2009

Weather Conditions: 91°F, 100% humidity

Field Activities

OPLC

- EPA staff met contractors at OPLC. The original plan to install a monitor well near the lower surface impoundment had to be changed due to the mud. It was decided to move that proposed monitor well just east of the QC pad area. MW-10 was installed during the early morning. Upon completing MW-10, the drillers began drilling the borings in the QC pad. B-11 was installed at the toe of the QC pad 15 feet bgs. B-12 and B-13 were installed through the QC pad 20 feet bgs. Soil samples were collected from each boring approximately every 2.5 feet to be analyzed for metals and SVOCs. As per ODEQ's request, the boring drill cuttings were saved. Each 5-foot section was laid on poly sheeting, wrapped, and taped up. The borings were stored at the OPLC downtown office for ODEQ to examine at a later date.



Huffman/OPLC
Week 2 Trip Report



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Thursday, August 13, 2009

Weather Conditions: 89°F, 100% humidity

Field Activities

OPLC

- EPA staff met contractors at OPLC. Drillers developed MW-9 until the well went dry. EPA staff walked around OPLC to look at the previously installed monitor wells and noticed that most of the wells lacked padlocks. EPA staff notified the OPLC owner who stated that his contractor had cut off the locks and that he has purchased new locks. Drillers began to develop MW-8. The purge water was so silty that the pump burned up. The drillers called around to find a new pump. While waiting for a new pump, the drillers began laying the forms for the monitor well pads and installing the bollards.



Huffman/OPLC
Week 2 Trip Report



Huffman

- EPA staff picked up trash left at Huffman and replaced poly sheeting that had blown off of stockpiled soil.

Huffman/OPLC
Week 2 Trip Report

Friday, August 14, 2009

Weather Conditions: 90°F, 100% humidity

Field Activities

OPLC

- EPA staff met with contractors at OPLC. Drillers obtained another pump and returned to developing MW-8. USACE contractor notified EPA staff that the pH of the groundwater was pretty low (approx. 3.8). EPA staff called EPA coworker back at office to check the historical pH readings. Historical pH at OPLC and Huffman ranges from 3 to 5. Drillers began developing MW-10. EPA staff departed OPLC to return to Dallas. Drillers returned to developing MW-9 because it had gone dry during development. USACE contractor called EPA staff to notify them that the well only produced 1 gallon in 2 hours. EPA staff gave them the go ahead to grout the well and lay the pad.